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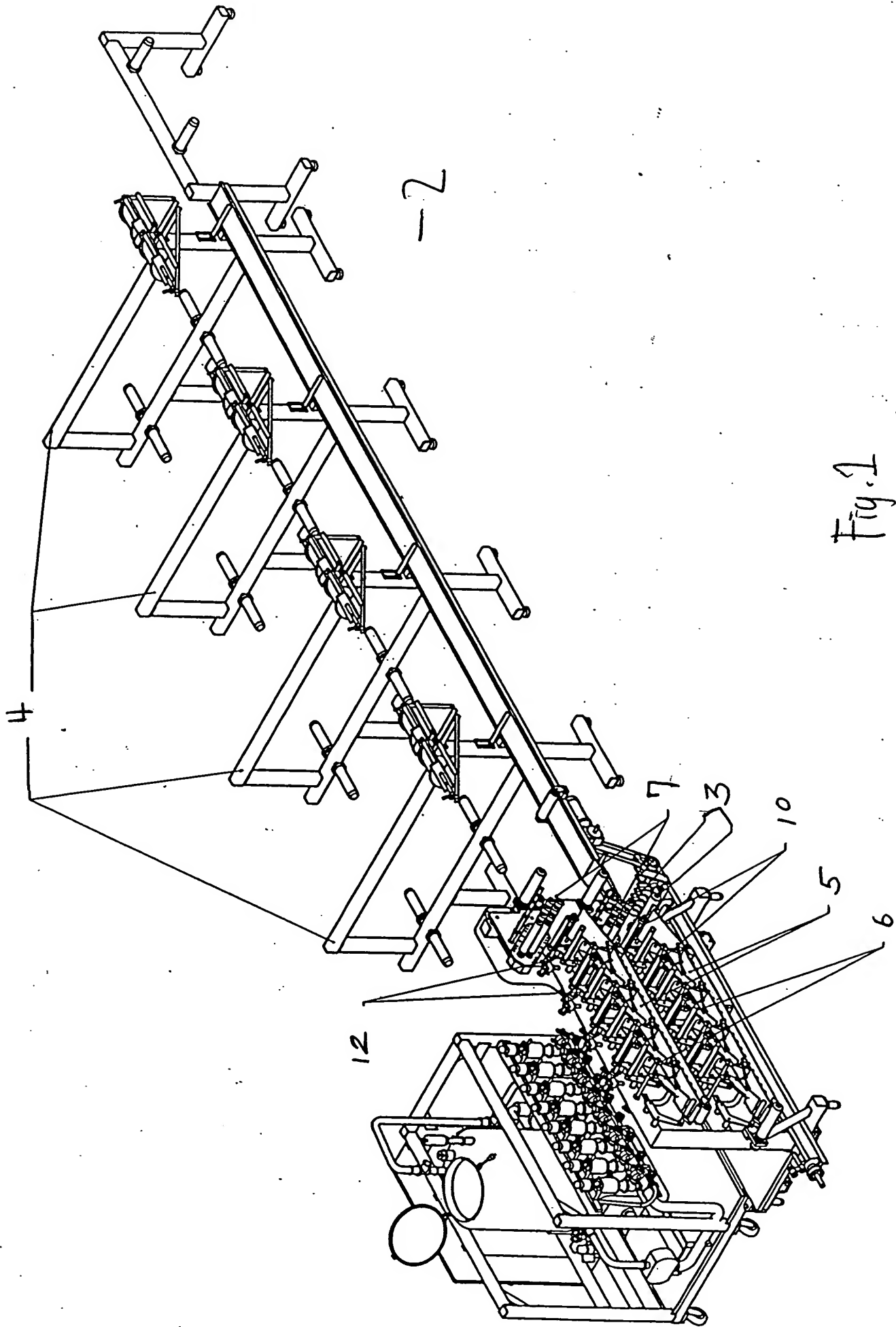
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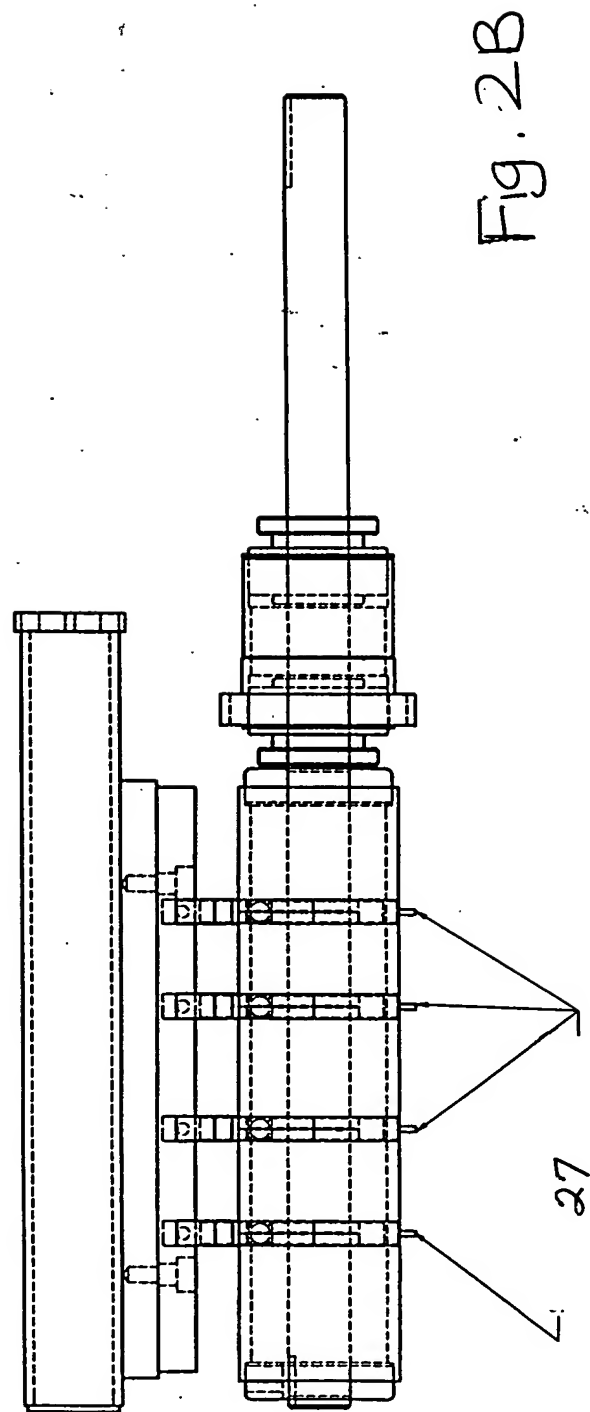
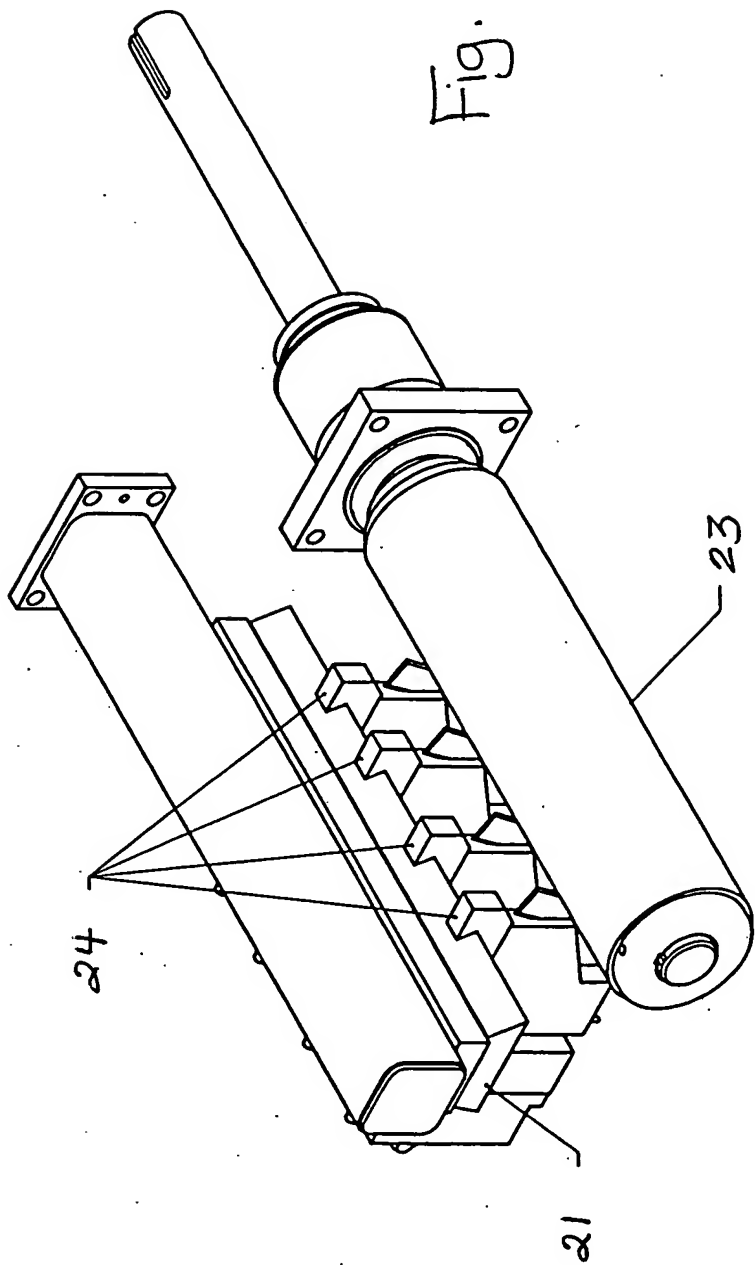
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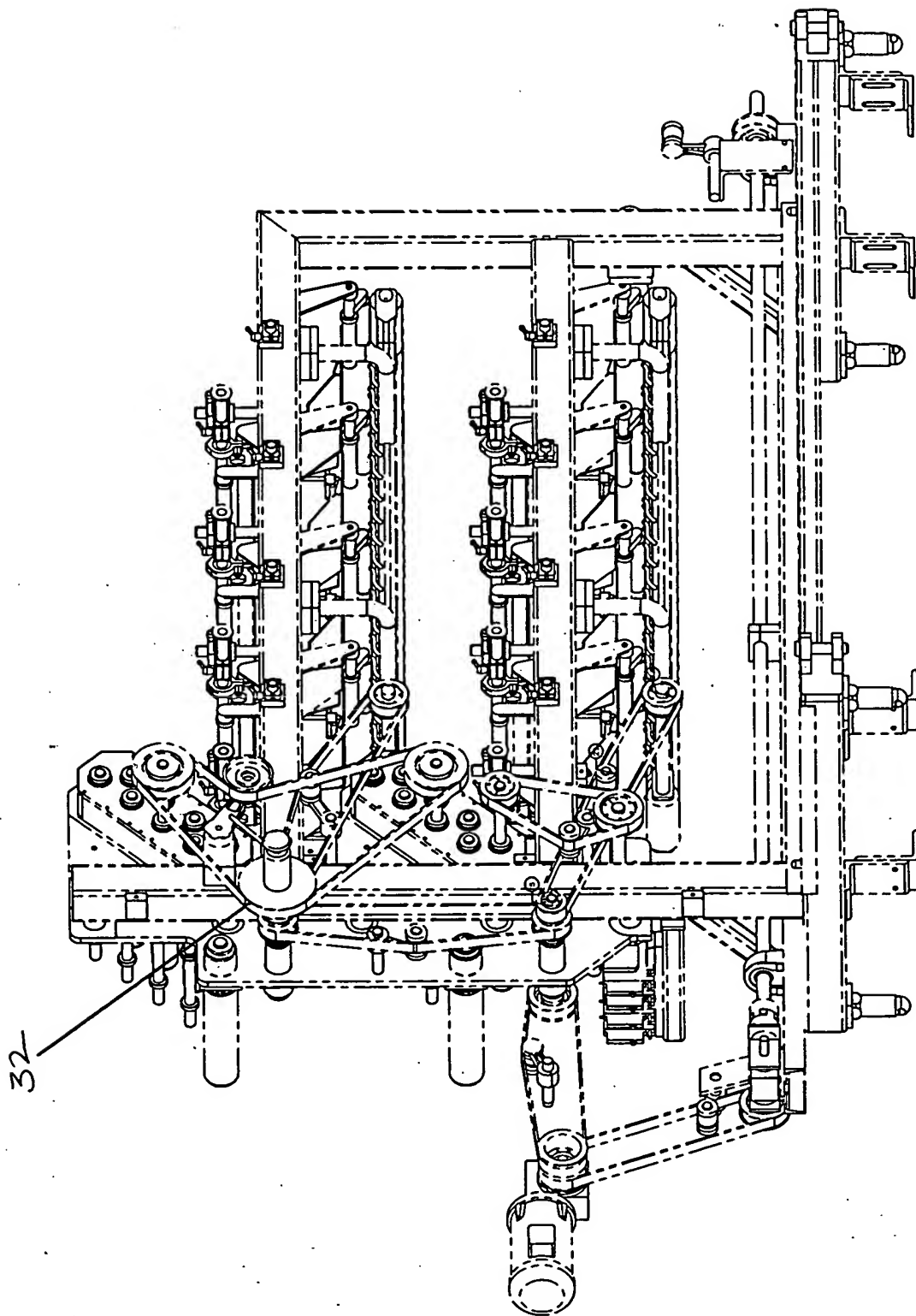


Fig. 3

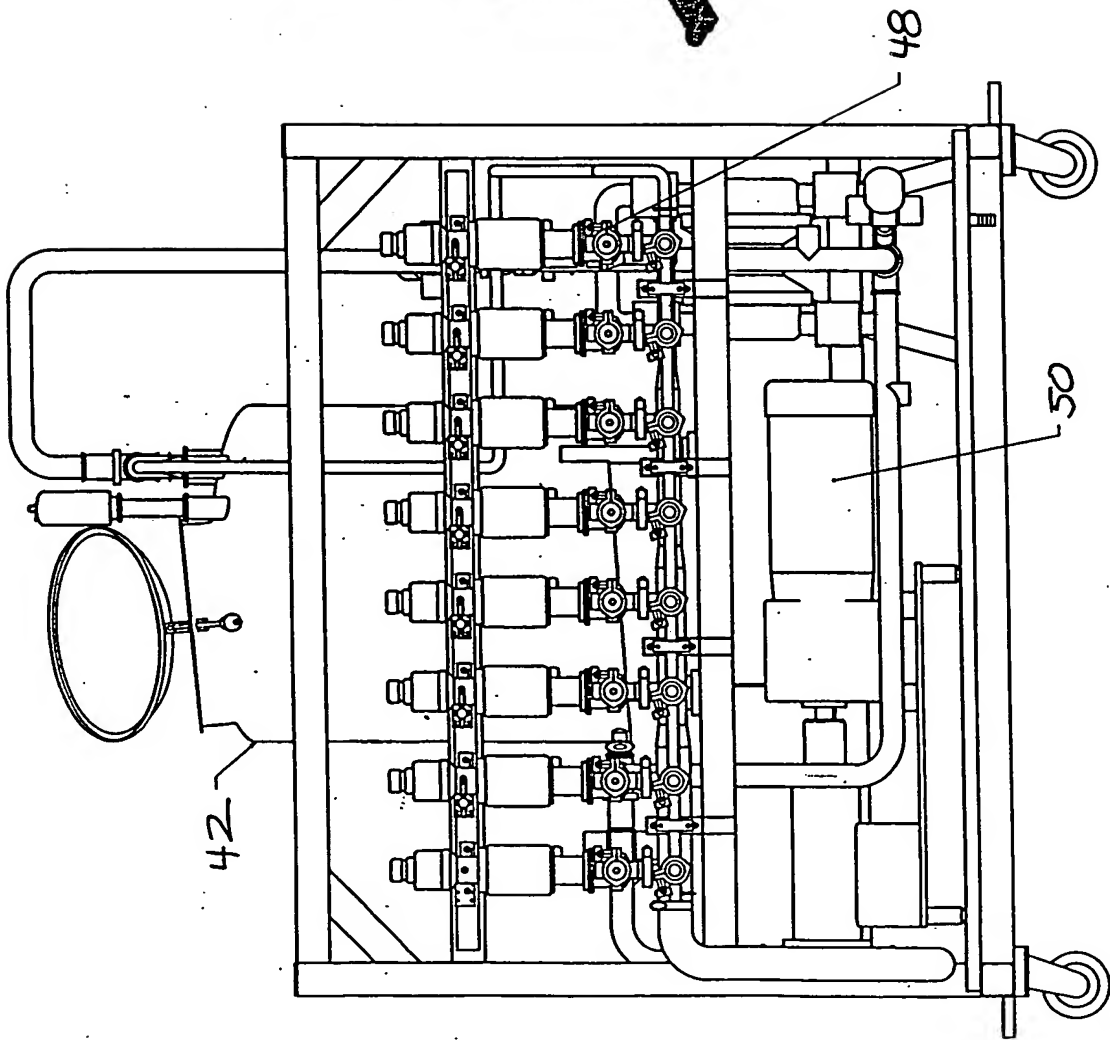


Fig. 4A

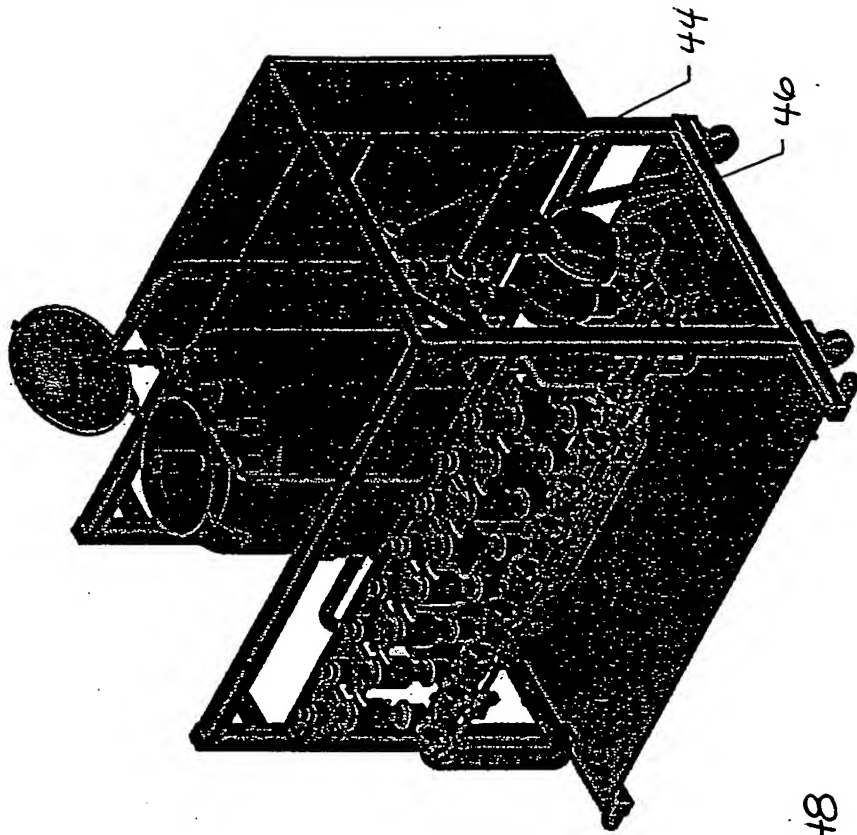


Fig. 4B

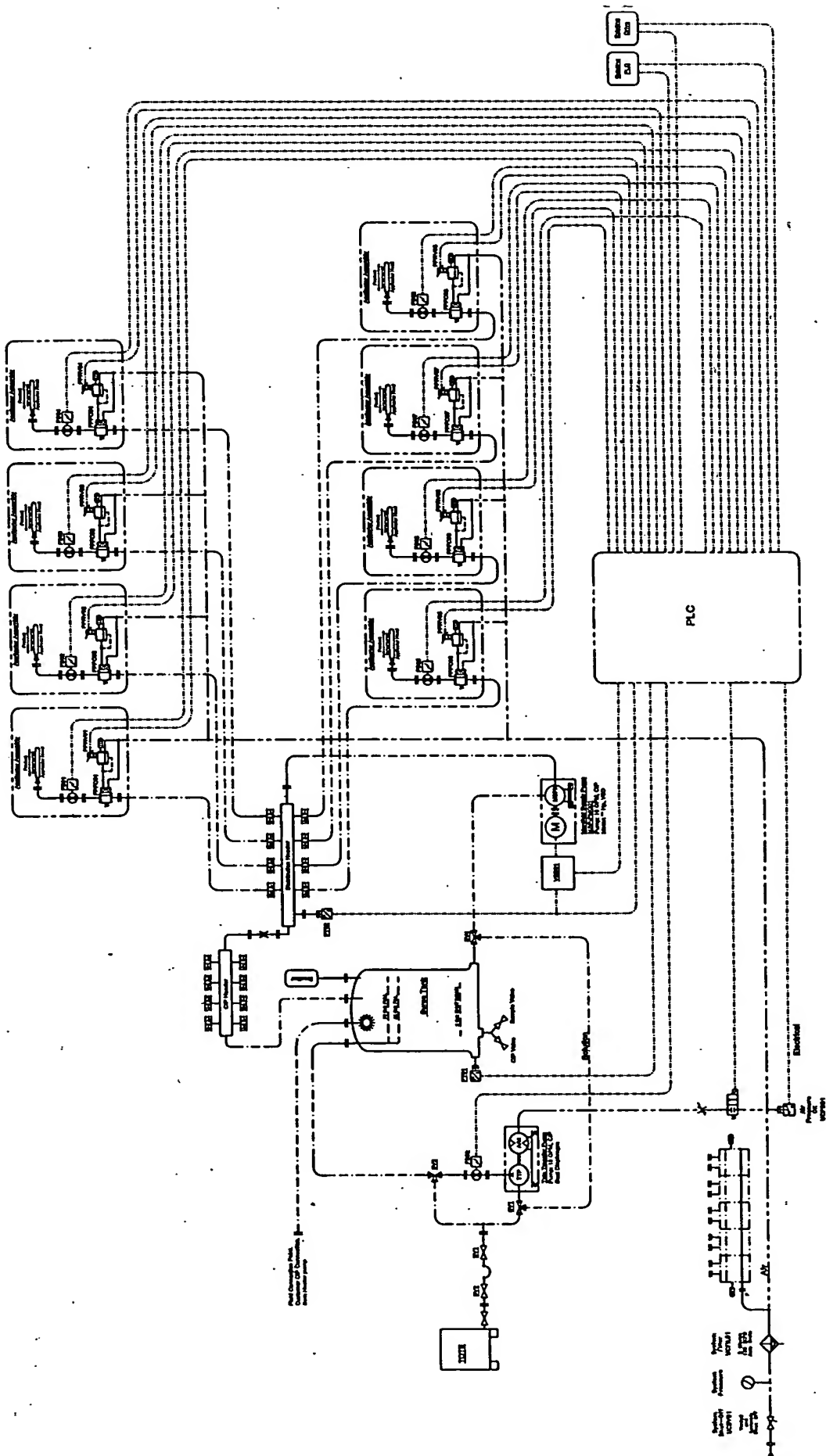
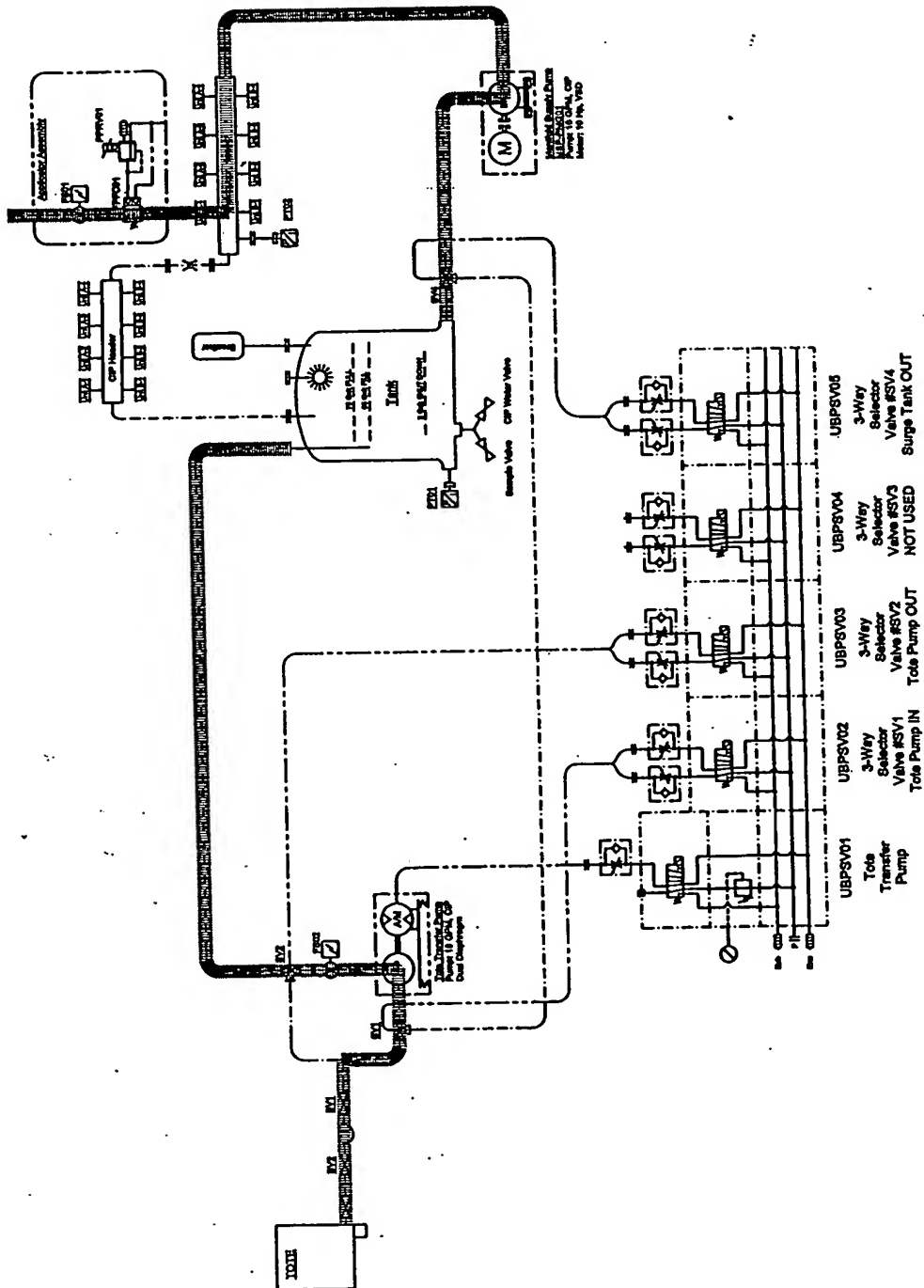
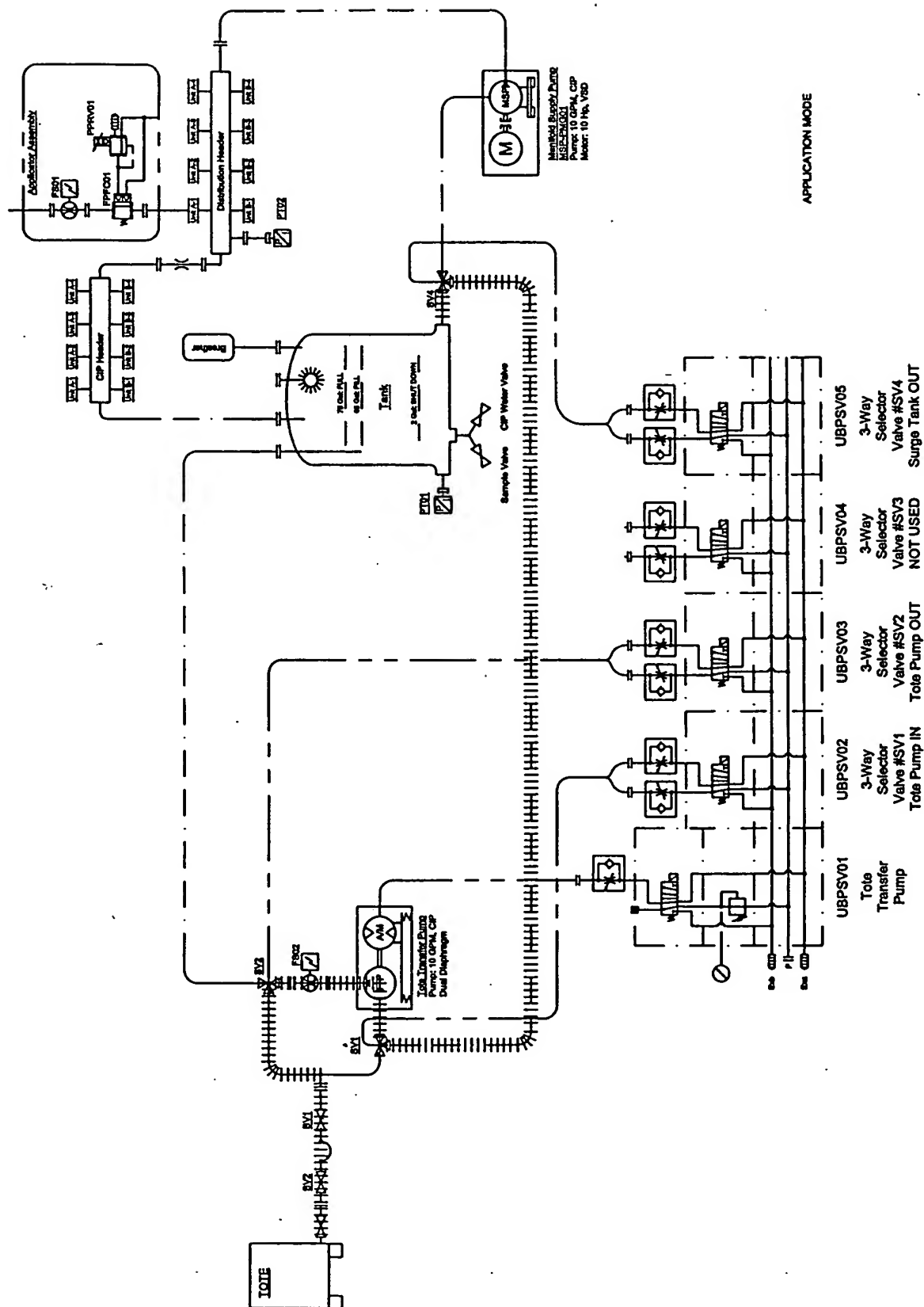


Fig. 5



6



09

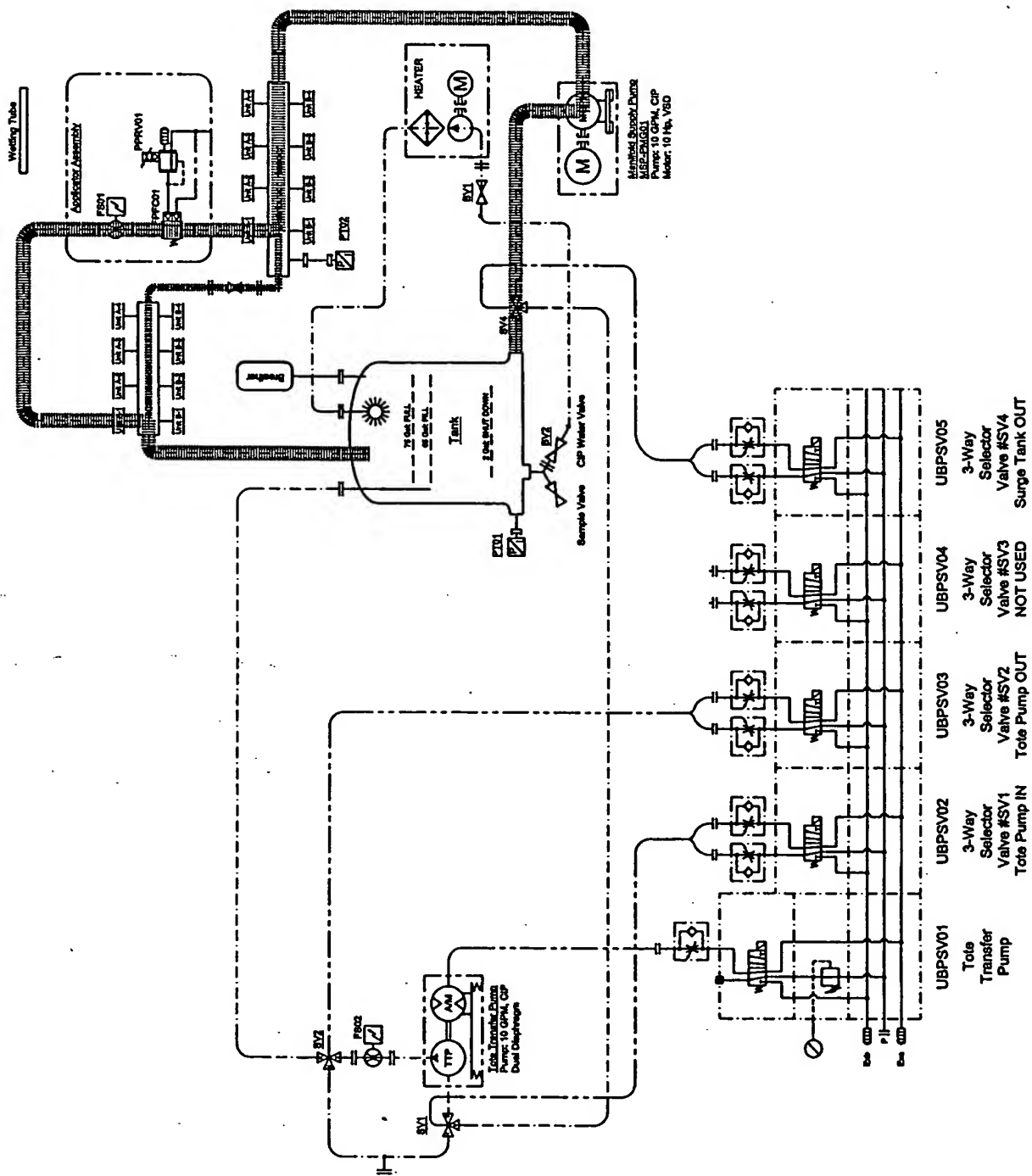


Fig. 10

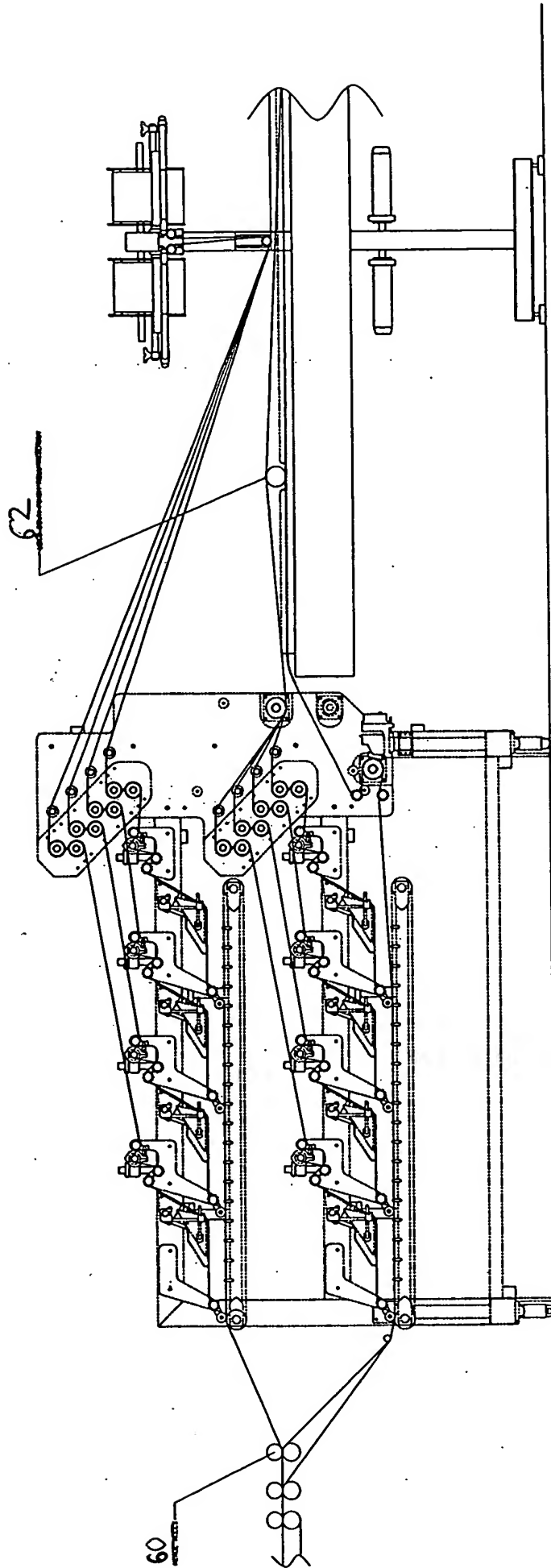


Fig. 11

Load Range (+/- 5%) -->		grams/lin-in													
		Web Loading @ SG = 1.0													
		1.33 - 1.47	1.71 - 1.89	1.90 - 2.10	2.39 - 2.65	2.47 - 2.73	2.57 - 2.85	2.65 - 2.83	2.76 - 3.05	2.93 - 3.23	3.23 - 3.57	3.96 - 4.38	4.47 - 4.95	4.60 - 5.08	
Web Speed	100.00	1.40	1.80	2.00	2.52	2.60	2.71	2.79	2.90	3.08	3.40	4.17	4.71	4.84	
	150.00														
	200.00														
	250.00														
	300.00														
	350.00														
	400.00														
	450.00														
	500.00														
	550.00														
In/min	600.00														
	650.00														
	700.00														
	750.00														
	800.00														
	850.00														
	900.00														

(1 gram = 1 cc) @ (SG = 1.0)

cc to gal = 0.00026420

Flow Rate (Gallons/Min)

Flow-Rate Limits Due to Viscosity

Min. Flow Vol. @ 1.0 CPS (Sage)	Flow Vol. @ 1.0 to 11,399 CPS (Sage)	Max. Flow Vol. @ 20,000 CPS (Sage)	Max. Flow Vol. @ 17,500 CPS (Sage)	Max. Flow Vol. @ 11,400 CPS (Sage)
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Fig. 12